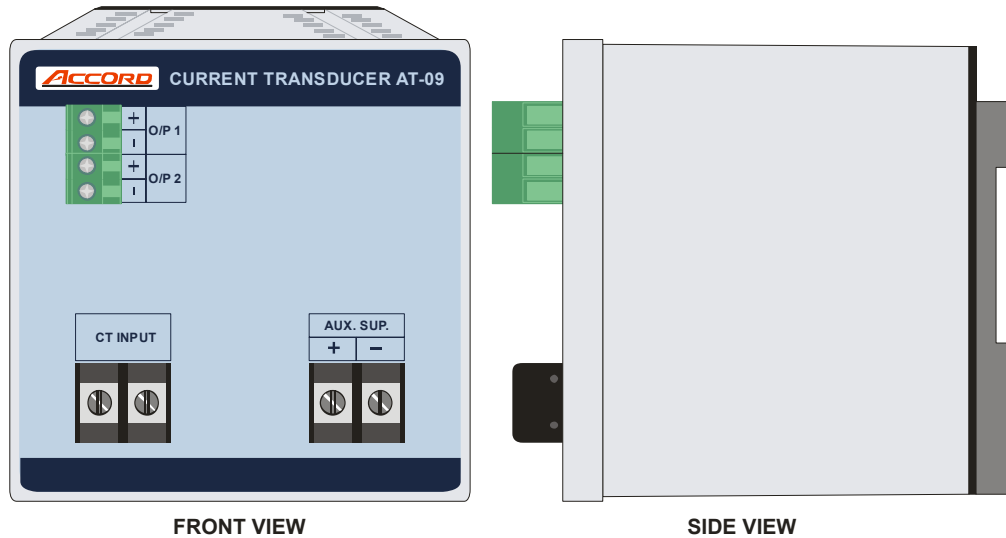


## CURRENT TRANSDUCER (AT - 09)



FRONT VIEW

SIDE VIEW

### FEATURES:

- Static design, no moving parts.
- Quick Response Time.
- Output independent of load impedance.
- Computerized Circuit design.
- Components have high thermal withstand capacity & can survive extreme tropical atmospheric conditions.
- Stable output even in case of wide power supply fluctuations (for self-powered & Aux. Powered transducers).
- Galvanic isolation between input / output /auxiliary power supply.
- Standard DIN Rail mounting, cabinets.

### GENERAL SPECIFICATIONS:

	AC CURRENT (AT – 09)
<b>Rated Input</b>	0-1A or 0-5A Through the CT
<b>Measurement Range</b>	0-1A or 0-5A
<b>Continuous Overload Capacity</b>	X 2 (I)
<b>OL for 1 Sec</b>	X 10 (I)
<b>Out Put</b>	Single/Dual 4-20mA (500 ohm Max. Load). Max.6 outputs.
<b>Type Of Measurement</b>	RMS or True RMS
<b>Response Time</b>	< 300ms
<b>Aux. Supply</b>	90-270V AC/DC
<b>Burden on Aux. Supply</b>	< 5 VA
<b>Burden on monitored source</b>	< 0.5 VA
<b>Accuracy</b>	±0.2% OR ±0.5% of span
<b>Output Ripple</b>	Maximum 0.5% P to P.
<b>Ambient conditions</b>	Storage: -20°C to +70°C, up to 95% RH non-condensing. Working: 0°C to 55°C, 95% RH non-cond.
<b>Isolation Test Voltage Between input / output / Aux. Supply</b>	Dielectric strength at 2.0KVAC for one minute. Optional 5.0KVAC Test can also be done.
<b>Insulation Resistance</b>	> 100MΩ at 500VDC between all input terminals shorted together and earth.
<b>Zero / Span Adjustment</b>	Available internally. Maximum upto 20% of the output span.
<b>Size</b>	96mm W X 96mm H X 110mm D
<b>Mounting</b>	DIN RAIL.
<b>Enclosure</b>	Engineering Plastic enclosure.
<b>Terminals</b>	Suitable for 2.5 mm <sup>2</sup> wire.
<b>Protection</b>	Input & Output → short circuit & open circuit protected.

*Note : Due to continuous development and upgradations, specification are subject to change without any prior notice*

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